(VALENZUELA- CAVE) (19) #31

Box 29 Folder 15

CIRCA 1953 - 1954

CAT TMC 248

Catalogue of excavated material from Portales Cave (Tm c 248)

Municipio de Ocampo, Tamaulipas, Mexico.

Portales = Valenzuela's Cave, acc. to Kelley ms. on Tm c 248

Number on specimens	Location in excavation	Analysis layer	Materials found: Number
248/1	S5W25, Level 1	W.Ch. acc 8	1--Corn
			1--Plant type 2
			2--Plant type 3
			1--Plant type 4
			5--Plant type 5
			5--Plant type 8
			5--Plant type 11
			1--Feces
248/2	S5W5, Level 4	acc 5 L4 (possibly partly L2)	1--Plant type 2
			3--Plant type 3
			2--Plant type 4
			19--Feces
			8--Snails
248/3	S5W5, Level 5	acc 4 L5	23--Plant type 2
			1--Plant type 3
			2--Plant type 4
			10--Plant type 11
			1--Plant type 12
			102--Plant type 8
			1--Palm leaf

248/4 S5, Level 1 Occ. 8 (8) (L1)

9--Palm leaves
7--Plant type 2
3--Plant type 3
1--Plant type 5
18--Plant type 8
1--Plant type 11.
1--Plant type 16
2--Corn
1--Squash
25--Feces
3--Snails

248/5 S5, Level 1-3 Occ. 6 (6) (L1 or L3) prob. L3)

2--Flints
12--Squash seeds
5--Plant type 2
7--Plant type 3
8--Plant type 4
1--Plant type 5
65--Plant type 8
1--Plant type 11
1--Plant type 12
7--Plant type 16
1--Feces
1--Snail

✓ 248/6	S5, Level 3	Occ 6 L3	1--Split bone 2--Plant type 2 6--Plant type 3 1--Plant type 4 1--Plant type 6 109--Plant type 8 2--Plant type 11 1--Plant type 12 2--Plant type 16 1--Feces
✓ 248/7	S5, Level 4	Occ 5 L 4	1-Plant type 3 2--Plant type 5 1--Plant type 6 12--Plant type 12 5--Beans Snails
✓ 248/8	S5, Level 5	Occ. 4 L 5	28--Plant type 2 1--Plant type 3 3--Plant type 4 2--Plant type 7 166--Plant type 8 25--Plant type 12 9--Plant type 24 11--Plant type 17 6--Plant type 28 3--Bean pods

✓ 248/9 — S5, Level 5-6 — Occ. 4 prob. L5

12--Plant type 2
4--Plant type 8
3--Plant type 11
2--Plant type 14
3--Squash
2--Bean pods
3--Feces
1--Snail

✓ 248/10 — S5, Level 6-A — Occ 4 prob. L5

1--Plant type 2
5--Plant type 11
1--Plant type 8
4--Plant type 24
4--Squash rinds

✓ 248/11 — S5, Level 6-7 — Occ 2 prob L7

1--Plant type 2
1--Plant type 3
3--Plant type 11
4--Plant type 6
1--Plant type 37

✓ 248/12 — S5, Level 2-C — Occ 7 L2

3--Plant type 2
3--Plant type 8
2--Plant type 11
1--Bean
3--Feces

Occ 2

✓ 248/13	S5, Level 7	L 7	1--Flint
			1--Split bone
			15--Plant type 2
			3--Plant type 3
			17--Plant type 8
			17--Plant type 11
			4--Plant type 12
			2--Plant type 24
			1--Feces

Occ 8

✓ 248/14	Occ. 8 S5E5, Level 1	L1 + L2	6--Plant type 5
			3--Plant type 8
			1--Plant type 7
			1--Squash
			1--Feces
			2--Snails

Occ. 7 ~~6~~

✓ 248/15	S5E5, Level 2	L 3	6--Split bone
			15--Plant type 2
			1--Plant type 3
			2--Plant type 8
			1--Plant type 11
			4--Plant type 12
			1--Squash rind
			3--Beans
			Feces
			3--Beans
			4--Snails

✓ 248/16	S5E5, Level 3	Occ 5 L4	2--Plant type 3 3--Plant type 8 2--Plant type 12 2--Plant type 24 1--Feces
✓ 248/17	S5E5, Level 3-4-5	Occ 5 L4 + L5	1--Split bone 2--Plant type 8 1--Feces Snails
✓ 248/18	S5E5, Level 6-7-8	2 prob. mostly L7	1--Split bone 1--Plant type 2 1--Plant type 3 6--Plant type 6 1--Plant type 7 2--Plant type 8 44--Plant type 11 3--Plant type 12 1--Feces 1--Snail
✓ 248/19	S5E5, Level 7	2 (early component of L7)	4--Plant type 12

✓ 248/20	S5E5, Level 8 (?) (This should be The gravel)	1	4--Plant type 12 1--Bean pod 1--Feces
✓ 248/21	S5E15, Level 1	7 L2	1--Split bone 1--Bean 1--Squash rind Feces Snails
✓ 248/22	S5E20, Level 2	7 L2	2--Split bone 1--Plant type 2 4--Plant type 8 1--Plant type 16
✓ 248/23	S5E20, Level 3	6 L3	2--Flints 5--Plant type 2 1--Plant type 3 7--Plant type 8 4--Plant type 16 56--Plant type 8 1--Bean pod 1--Snail
284/23 A	S5E20 Level 1/8		
✓ 248/24	S5E25, Level 1-A Occ. 8	7 L2	1--Plant type 12 1--Squash rind Snails

6

✓ 248/25 S5E25, Level 2 Occ. ~~7~~ (6) L3

4--Plant type 3
2--Plant type 6
5--Plant type 8
2--Plant type 11
3--Plant type 12
2--Squash rind

7

✓ 248/26 S5E25, Level 1-B Occ. 7 L2

1--Flint
4--Plant type 3
1--Plant type 4
3--Plant type 6
1--Plant type 8
2--Plant type 12
1--Squash rind
1--Bean pod

5

✓ 248/27 S5E25, Level 3 L4 + L5

3--Split bones
1--Plant type 14
Feces

8

✓ 248/28 S10, Level 1 Occ. 8 L1 (poss. L3) (N.B. – no corn)

Flint
5--Plant type 2
7--Plant type 4
3--Plant type 6
102-Plant type 8
7-Plant type 11
4- Plant type 12

15--Plant type 16
2--Bean pods
19--Squash rinds
16--Squash seeds
in Feces

1--Snail

8

✓ 248/29 S10, Level 1-3 Occ. 8 L1/3 (prob. class as Occ. 8, not 7) or as Occ. 6 if act. L3

3--Plant type 2
7--Plant type 3
4--Plant type 4
2--Plant type 5
53--Plant type 8
4--Plant type 7
6--Plant type 16
1--Plant type 32
1--Squash stem
2--Squash rinds
2--Squash seeds
Feces

6

✓ 248/30 S10, Level 2-3 Occ. 6 L2/3 (L3 if L1 of This sq. is general L3)

1--Plant type 4
1--Plant type 5
1--Plant type 6
1--Plant type 12
1--Plant type 32
2--Squash seeds
4--Squash rinds
Feces

6

✓ 248/31 S10, Level 3 Occ. 6 L3

1--Flint
1--Plant type 2
13--Plant type 3
12--Plant type 4
1--Plant type 5
15--Plant type 6
7--Plant type 7
1524--Plant type 8
6--Plant type 11
4--Plant type 12
30--Plant type 16
5--Bean pods
1--Stalk ?
1--Corn
9--Squash seed
45--Squash hulls
1--Knot

4

✓248/32 S10, Level 4-A-6 prob. L5 poss. L4 or L6

1--Split Bone
1--Bean pod
2--Plant type 2
1--Plant type 8
1--Plant type 12

248/32A S10 Level 4 c/d AL 4

✓ 248/33	S10, Level 4 (Above " 4-A)	5 L4	1--Plant type 2 1--Plant type 12 1--Plant type 24
✓ 248/34	S10, Level 5-6	4 L5 or L6	1--Plant type 2 1--Plant type 3 2--Plant type 8
✓ 248/35	S10, Level 7-8	2 L7	2--Plant type 2 2--Plant type 3 3--Plant type 6 2--Plant type 12
✓ 248/36	S5E10, Level 1	8 Occ. 8 L1 (poss. L2)	1--Plant type 2 6--Plant type 3 7--Plant type 4 14--Plant type 5 2--Plant type 8 8--Plant type 11 2--Plant type 35 2--Snails 2--Squash rind
✓ 248/37	S10E5, Level 1	8 prob. L1	1--Split bone 4--Plant type 2 5--Plant type 3 3--Plant type 5 4--Plant type 8 2--Plant type 12 1--Bean pod Feces

✓ 248/38 S10E5, Level 2 7 L2

17--Plant type 2
17--Plant type 3
14--Plant type 4
1--Plant type 5
12--Plant type 6
162--Plant type 8
8--Plant type 11
6--Plant type 12
6--Plant type 16
1--Plant type 32
1--Bean pod
14--Squash rind
2--Squash seeds
1--Stick
1--String
2--Split bones
1--Snail

✓ 248/39 S10E5, Level 3 6 L3

✓ 248/40 — 510E5, Level 4 — 6 — L3 (Stratigraphy Tricky — possibly L4-6 inclusive)

✓ 248/41 — S10E5, Level 4-A — 6 — prob. L3 AL 4

248/42 S10E5, Level 5 prob. late L7 2

248/43 S10E5, Level 6 early L7 and L8 1

2

✓ 248/44 S10E5, Level 6-A L7

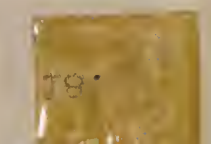
2

✓ 248/45 S10E10, Level 7 L7

248/46 A	S10E10, Level 5-6	— AL 4	
✓ 248/46	S10E10, Level 4-5)	L4/5 5	1--Split Bone
	S5E10, Level 8)	L 8 1	1--Plant type 5
	(This is a very peculiar combination — label should be checked)		3--Plant type 8
			1--Plant type 11
			1--Plant type 12
✓ 248/47	S10E10, Level 2)	L2 7	2--Bean pods
	S5E10, Level 2)	L2 7	1--Plant type 2
			1--Plant type 5
			2--Squash rinds
✓ 248/48	S10E10, Level 3	6 L3	2--Split bones
			5--Plant type 2
			3--Plant type 3
			2--Plant type 4
			1--Plant type 5
			7--Plant type 8
			3--Plant type 11
			2--Plant type 16
✓ 248/49	S10E10, Level 3-A	6 L3 (later)	3--Plant type 2
			1--Plant type 3
			2--Plant type 11
✓ 248/50	S10E10, Level 3-B	6 L3 (earlier)	1--Plant type 2
			1--Plant type 8

✓ 248/51	S10E15, Level 1)	8 L2	2--Plant type 3
	)		
	S20E5, Level 1)	L1 and L2	7--Plant type 4
			3--Plant type 5
			1--Plant type 6
			16--Plant type 8
			Snails
✓ 248/52	S10E15, Level 2-A	6 L3	1 - Ahasolo base 1--Plant type 2
248/52A	S 10 E 15 Level 2-B	AL 4	2--Plant type 4
			1--Plant type 6
			1--Plant type 16
✓ 248/53	S10E15, Level 2-C	3 L6/7	3--Plant type 2
			1--Plant type 8
			Feces
✓ 248/54 (cf. 52)	S10E15, Level 2-A	6 L3	1--Plant type 2
			1--Plant type 12
✓ 248/55	S10E20, Level 2	7 L2	2--Plant type 12
			1--Squash rind
✓ 248/56	S10E20, Level 3	6 (? L3)	1--Plant type 3
			1--Plant type 4
			8--Plant type 8
			2--Plant type 11
			4--Plant type 12
			1--Squash rind

✓ 248/57	S10E25, Level 2	7 L2	1--Plant type 12 2--Squash rinds
✓ 248/58	S10E25, Level 1 (I have no notation of a L1 occupation of this square — do sherds suggest L2?)	8 ? L1	1--Split bone 1--Squash seed 1--Plant type 2 2--Squash rinds 5--Plant type 3 4--Plant type 4 6--Plant type 5 30--Plant type 8 5--Plant type 11 1--Plant type 12 3--Plant type 51 10--Squash rinds 2--Palm leaf 3--Pottery 1--Hair
✓ 248/59 (cf. 58)	S10E25, Level 1	7	1--Plant type 4 1--Plant type 5 1--Plant type 11 1--Plant type 16 1--Plant type 24 136--Plant type 8 4--Squash rinds



✓ 248/60	S15W25, Level 2-A	8 W. Ch.	42--Plant type 53 1--Corn
✓ 248/61	S15W25, Level 1-3	Occ. 8 8 W. Ch.	5--Plant type 2 3--Plant type 3 2--Plant type 4 5--Plant type 11 1--Plant type 50 1--Squash stem 2--Bean pods 1--Corn 1--Corn cob 1--Snail
✓ 248/62	S10W25, Level 1-A	8 W. Ch.	1--Plant type 3 3--Plant type 5 1--Plant type 8 4--Plant type 11 1--Plant type 50
✓ 248/63	S10W25, Level 3	8 W. Ch.	6--Plant type 8 Snails

✓ 248/64	S10W30, Level 1	8 W.Ch.	3--Plant type 5
			2--Plant type 8
			6--Plant type 11
			1--Plant type 25
			1--Squash rind
✓ 248/65	S10W30, Level 2	8 W.Ch.	4--Plant type 11
			Snails
✓ 248/66	S10W30, Level 3 Occ. 7	8 W.Ch.	2--Plant type 2
248/66A	—"— Level 5	W.Ch.	1--Squash stem
✓ 248/67	S15E5, Level 2 ~~Occ. 7~~ L 3-5 (The piece of pottery here is surprising and rather distressing- intrusive ?)	6	1--Split bone
			3--Plant type 2
			14--Plant type 3
			5--Plant type 4
			1--Plant type 5
			3--Plant type 6
			1--Plant type 7
			103--Plant type 8
			4--Plant type 11
			3--Plant type 12
			1--Plant type 16
			1--Plant type 30
			2--Squash rind
			1--Pottery
			Snails

✓ 248/68	S5, Level 2)) S15E25, Level 2) (?) (square not dug)	7 L2	3--Split bones 4--Plant type 2 3--Plant type 3 1--Plant type 4 2--Plant type 5 4--Plant type 6 8--Plant type 8 2--Plant type 12 1--Plant type 16 1--Plant type 35 1--Squash rind 1--Knot
✓ 248/69	E15, Level 3	6 L3 or L5	3--Plant type 2 7--Plant type 8
✓ 248/70	S15, Level 3-5	6 L3, L4, and L5	2--Plant type 2 7--Plant type 3 4--Plant type 4 1--Plant type 5 1--Plant type 6 1--Plant type 7 15--Plant type 8 1--Plant type 12 1--Plant type 16 1--Palm leaf

✓ 248/71	S15, Level 6	3 L6	1--Plant type 2 2--Plant type 8 1--Palm leaf
✓ 248/72	S15E5, Level 1	8 L1	1--Arrow point base 1--Split bone 1--Plant type 2 1--Plant type 11 1--Pottery
✓ 248/73	S15E5, Level 3	3 L6/7	18--Plant type 2 4--Plant type 3 10--Plant type 4 52--Plant type 8 6--Plant type 12 1--Plant type 16 1--Pine burr 1--Wood grub 1--Snail
✓ 248/74	S15E15, Level 1	7 L2	1--Plant type 3 1--Plant type 5
✓ 248/75	S15E15, Level 2	6 L3	1--Split bone 1--Plant type 2 1--Plant type 6 1--Plant type 12 1--Palm leaf 3--Bean pods

✓ 248/76	S15E15, Level 3	5 L4/5	1--Plant type 11
✓ 248/77	S15E15, Level 4	3 L6/7	1--Plant type 8
			1--Plant type 12
✓ 248/78	S20E5, Level 3	3 L6/7	2--Split bones
	(There should be pepo remains from This square and level)		17--Plant type 2
			4--Plant type 3
			5--Plant type 4
			25--Plant type 8
			10--Plant type 11
			2--Plant type 12
			10--Plant type 17
			1--Bean pod
			1--Snail
✓ 248/79	S20E5, Level 2	Occ. ~~#~~ 4 L 5	1--Split bone
			5--Plant type 2
			2--Plant type 3
			10--Plant type 8
			1--Plant type 11
			3--Plant type 12
			3--Plant type 16
			1--Squash rind
✓ 248/80	S20E10, Level 3-6-7	Occ. 6 3 (prob. L6, poss. L3 or L7)	1--Plant type 2
			7--Plant type 8

1--Plant type 12
3--Squash rind
17--Palm leaf

✓ 248/81 S20E10, Level 6-7 3 L6/7
9--Plant type 2
1--Plant type 24

✓ 248/82 S20E10, Level 7 Box 1 2 L7
6--Plant type 2
8--Plant type 8
1--Plant type 17
1--Palm leaf

✓ 248/83 S20E10, Level 7 Box 2 2 L7
3--Plant type 2
1--Plant type 3
4--Plant type 4
10--Plant type 8
2--Plant type 12

✓ 248/84 S20W25, Level 1 7 W. Ch.
2--Plant type 4
1--Plant type 5
1--Plant type 8
1--Palm leaf

7

248/85 S20W25, Level 2 W. Ch.

5--Plant type 2
1--Plant type 4
1--Plant type 5
1--Plant type 6
1--Plant type 12

7 7

248/86 S20E15, Level 1 Occ. ~~8~~ 7 L2

1--Plant type 2
1--Plant type 12

7

248/87 S15E10, Level 2 Occ. 7 L2

4--Plant type 2
2--Plant type 11
2--Plant type 12
2--Plant type 12
1--Corn husk
1--Squash seed
1--Snail

6

248/88 S15E10, Level 3 Occ. 6 L3

4--Split bones
2--Plant type 2
6--Plant type 3
7--Plant type 4
61--Plant type 5
6--Plant type 6
14--Plant type 11
8--Plant type 16
437--Plant type 8
3--Squash seeds
1--Palm leaf

reading 5

√ 248/89 S15E10, Level 7 L7

(The corn makes this doubtful — could L2 for 2 have been read as L7?)

1--Split bone
111--Plant type 2
17--Plant type 3
533--Plant type 8
1--Plant type 11
4--Plant type 7
32--Plant type 12
2--Plant type 19
1--Plant type 21
2--Plant type 28
? 1--Seed
3--Bean pods
Corn
1--Squash seed
1--String
1--Piece of leather
Snail shells

8

Occ. 8

√ 248/90 E5, Level 1 L1

1--Plant type 1
3--Plant type 2
4--Plant type 3
10--Plant type 4
47--Plant type 5
82--Plant type 8
29--Plant type 11
1--Plant type 15
5--Plant type 20
Corn leaves
1--Cactus spine

7--Squash rinds

1--Split bone

3--Pottery

1--Snail

248/91 E5, Level 2-3 Mixed, from behind large rock L 2 7

1--Split bone

50--Plant type 2

7--Plant type 3

3--Plant type 4

1--Plant type 6

19--Plant type 8

1--Plant type 14

3--Plant type 21

2--Plant type 28

2--Plant type 54

1--Plant type 55

Corn cob

4--Bean pod

2--Pottery

Feces

Fire-cracked snail shells

248/92 E5, Level 3 L 2 7

40--Plant type 2

3--Plant type 3

3--Plant type 7

3--Plant type 12

7--Plant type 14

248/92A E5, Level AL 7

4--Plant type 25

3--Pieces bean pod

12--Heavy bark

3--Snails

✓ 248/93 — E10, Level ~~12-16~~ 1(a) - 1(b) — 8 L1

2--Split bones

2--Plant type 3

248/93A — E10 level 2b — AL 2

3--Plant type 4

41--Plant type 5

11--Plant type 8

124--Plant type 11

1--Plant type 12

1--Plant type 25

Corn leaves

12-- Squash rind
1--Squash stem
8--Bean pods

1--Feather

1--Knot

✓ 248/94 — E15, Level 1 — 8 L1

1--Plant type 4

5--Plant type 5

4--Plant type 11

✓ 248/95 — Occ. 7 — E15, Level 2 — 7 L2

2--Plant type 11

1--Plant type 12

2-8/9-A — E 15, Level 4 — AL 7

1--Plant type 21

1--Squash rind

Corn cob

			Feces
			1--Cracked snail shell
✓ 248/96	E15, Level 2-A	Occ. 7 7 L2	2--Plant type 5
			1--Plant type 11
			1--Squash rind
✓ 248/97	S5,W25, Level 3 (gravel mixed)	7 W. Ch.	1--Plant type 3
			1--Plant type 4
✓ 248/98	E20, Level 2-b/3	~~Occ. 6~~ Occ 7 ~~(prob. L3~~ prob. L2, occ. 7 — note corn cobs	3--Plant type 2
			1--Plant type 3
			1--Plant type 6
			1--Plant type 8
			2--Plant type 12
			25--Plant type 55
			Leaves (type 29?)
			2--Squash rind
			25-- Squash seed
			Small seeds
			Corn cobs
			Feces
			Snail shell

∫ 248/99	E20, Level 4-5	4 L5	3--Plant type 2
			2--Plant type 3
			2--Plant type 5
			4--Plant type 8
			5--Plant type 12
			1--Plant type 14
			1--Plant type 21
			1--Plant type 25
			Plant type 55
			1--Plant type 56
			Seeds
			Feces
			1--Split bone
∫ 248/100	E20, Level 6	3 upper component of L6	Feces fragments
∫ 248/101	E25, Level 1	~~12~~ L1 8	2--Plant type 5
			1--Plant type 12
			Thick bark
			Bean pod fragment
∫ 248/102	E25, Level 2-A	Occ. 7 L2 7	1 pt. Cucurbita
			1--Plant type 3
			1--Plant type 6
			1--Plant type 8
			2--Plant type 12
			3--Plant type 55
			1--Plant type 56

4-- Squash rind

Corn leaves

Feces

Cracked snail shell

V 248/103 E25, Level 2-B Occ. 6 ~~6~~ L 3

7--Plant type 2

14--Plant type 3

4--Plant type 5

10--Plant type 6

224--Plant type 8

35--Plant type 11

37--Plant type 12

34--Plant type 16

13--Plant type 21

1--Plant type 17

1--Plant type 45

Plant type 55 (several)

2--Bean pod

23-- Squash rind

100-- Squash seed

Grass stem with seed

3--Split bones

1--Palm leaf

V 248/104 E25, Level 3 Occ. ~~6~~ 5 4/5 L 4/5 (note pottery and cf. no. 105)

5--Plant type 3

1--Plant type 5

23--Plant type 8

1--Polyhedral core

10--Split bones

1--Plant type 9

2--Plant type 28

7--Plant type 12

3--Plant type 14

1--Plant type 15

4--Plant type 16
7--Squash rinds
1--Plant type 49
4--Squash seeds
Plant type 55 (several)

1--Cut, fire-blackened bone

1--Large piece pottery

1--Snail shell

✓ 248/105 E25, Level 4 3 L6

6--Split bones

5--Plant type 2

2--Plant type 3

1--Plant type 5

4--Plant type 12

10--Plant type 14

Corn cob

Cracked snail shell

(The corn cob is definitely unexpected here and, taken with the pottery in the level above, suggests some type of unrecognized intrusion)

✓ 248/106 E25, Level 5 2 L7

2--Split bones

2--Plant type 8

8

248/107 N15E10, Level 1 Occ. 8 L1

7--Split bones
8--Plant type 1
10--Plant type 3
2--Plant type 4
28--Plant type 5
47--Plant type 8
1--Plant type 10
1--Plant type 9
4--Plant type 11
2--Plant type 12
1--Plant type 13
8--Plant type 15
1--Plant type 16
6--Plant type 25
2--Plant type 28
Large amount corn leaves, cobs and sprigs
5--Bean pods
3--Squash ~~rind and~~ seeds
1--Squash rind
Brush
1--Piece pottery

7

248/108 N15E10, Level 2 Occ. 7 L2

7--Pieces of bone
1--Plant type 3
1--Plant type 4
11--Plant type 15
1--Plant type 12
18--Plant type 8

1--Plant type 5

8--Plant type 11

1--Plant type 10

1--Plant type 23

1--Plant type 37

3--Corn leaves

1--Squash rind

3--Snail shells

248/109 N15E10, Level 2-D (prob. L2a misread as L2d) 7 L2

2--Plant type 2

1--Plant type 5

2--Plant type 8

1--Plant type 11

248/110 N15E20, Level 2) 7 L2

N20E20, Level 2) L2

10--Plant type 11

Pieces of corn - 1 fragment

110a N0L5 L 2 8

248/111 N10E10, Level 1-A Occ. #8 8 L1

3--Pieces of bone

1--Plant type 2

16--Plant type 3

2--Plant type 4

11--Plant type 15

35--Plant type 5

91--Plant type 8

6--Plant type 4

1--Plant type 12

1--Plant type 28

1--Plant type 33

1 obsy. bone fragment

			11--Squash rind
			4--Pieces of corn
			1--Knot
			1--Snail shell
✓ 248/112	N10E10, Level 1-B	8 L1	2--Pieces of bone
			52--Plant type 5
			1--Plant type 4
			8--Plant type 8
			Pieces of corn
✓ 248/113	N10E10, Level 2	Occ. ~~7~~ 8 8 L1	1--Plant type 4
			1--Plant type 5
			3--Plant type 8
			1--Plant type 15
			1--Piece squash rind
			Pieces of corn
✓ 248/114	N10E10, Level 3	7 L2	1--Piece of bone
			1--Plant type 4
			6--Plant type 5
			1--Plant type 10
			1--Plant type 12
			1--Plant type 14
			2--Plant type 15
			60--Plant type 8
			1--Wound leaf
			1--Piece of shell

✓ 248/115	N10E10, Level 5	Occ. ~~7~~ 1 L 8	1--Squash rind
✓ 248/116	N10E15, Level 1	Occ. 8 L 8	1--Plant type 1 2--Plant type 2 7--Plant type 3 3--Plant type 4 79--Plant type 5 1--Plant type 8 3--Plant type 11 2--Plant type 15 1--Plant type 9 1--Plant type 32 1--Plant type 20 1--Plant type 28 11--Pieces of squash rind 1--Squash stem Pieces and seeds of corn 2--Snail shells
✓ 248/117	N10E15, Level 2-A	L 2	6--Plant type 5 1--Plant type 6 7--Plant type 15 1--Bean pod Pieces of corn Pieces of snail shells

√ 248/118	N10/20, Level 1 (?N10E20?) (N20 not dug)	8 L1	1 Plant type 3 1--Plant type 4 2--Plant type 5 1--Plant type 6 1--Plant type 11 1--Plant type 12 1--Squash rind 6--Bean pod Piece of corn
√ 248/119	N10E20, Level 2 Occ. 7	7 L2	1--Plant type 5 3--Plant type 8 1--Plant type 9 3--Plant type 12 1--Plant type 15 2--Squash rind Snail shells

248/120	N10E20, Level 3	7 L2	2--Plant type 2 1--Plant type 6 2--Plant type 8 1--Worked stone 1--Worked wood Piece of corn Snail shells
248/120A	N10E20, Level 5	A L7	
248/121-A	N10E20, Level 4-6	7 N10E20 L4=L2 N10E20 L5=L7 N10E20 L6=L8	2--Plant type 5 1--Plant type 2 Snail shells
248/121	N10E25, Level 2 Occ. 7	L2 7	3--Pieces of bone 12--Plant type 12 Pieces of corn Pieces of turtle shell 2--Pieces of squash stem Snail shells
248/122	N10E25, Level 3	7 L2	3--Split bones 1--Plant type 4 2--Plant type 6 8--Plant type 8 10--Plant type 12 2--Plant type 32 5--Squash seeds Snail shells

✓ 248/123	N10E25, Level 4	7 L2	1--Plant type 2
248/125	N10E25 Level 5	AL7	1--Plant type 3
			1--Plant type 8
			1--Plant type 12
✓ 248/124	N10E5, Level 1	8 Occ. 8 L1 and part of L2	2--Split bones
			1--Plant type 10
			1--Plant type 29
			Corn sprigs
			17--Squash rind pieces
			1--Squash stem
			2--Pieces of pottery
			Snail shells
✓ 248/125	N20E15, Level 2	7 Occ. 7 L2	3--Plant type 2
248/125A	—"— Level 2c	AL2	3--Plant type 3
			1--Plant type 6
			5--Plant type 11
			9--Plant type 12
			14--Plant type 14
			1--Plant type 16
			2--Plant type 28
			1--Bean pod
			3--Squash rind
			Snail shells
✓ 248/126	N10, Level 1	8 Occ. 8. L1	1--Plant type 3
			1--Plant type 4
			5--Plant type 11

1--Plant type 23
9--Squash rind
2--Bean pods
1--Piece of cane
1--Piece of corn

7

248/127 N10, Level 2 L2

1--Split bone
3--Squash seeds
1--Piece of corn
Snail shells

8

248/128 N5, Level 1 L1

3--Plant type 2
3--Plant type 3
3--Plant type 5
1--Plant type 4
1--Plant type 4
11--Plant type 8
4--Plant type 11
1--Plant type 29
Corn

8

248/129 N5E5, Level 1 Occ. 8 L1

1--Plant type 3
3--Plant type 5
30--Plant type 8
28--Plant type 11
4--Plant type 4
5--Squash rind
1--Knot / wood / gum

7

248/130 N5E5, Level 2 Occ. 7 L2

1--Plant type 2
12--Plant type 11
1--Plant type 41
1--Plant type 13
3--Bean pods
1--Squash rind
1--Squash stem
1--Palm leaf
Snail shells

248/130a N5E5, Level 3 - Occ 8

8

248/131 N5E15, Level 1 Occ. 8 L1

2--Split bones
1--Plant type 3
7--Plant type 4
75--Plant type 5
10--Plant type 8
3--Plant type 11
1--Plant type 12
1--Plant type 13
1--Plant type 17
1--Plant type 41
Corn
7--Squash rind
Snail shells

7

248/132 N5E15, Level 2 Occ. 7 L2

1--Split bone
1--Plant type 2
1--Plant type 4
14--Plant type 5
1--Plant type 14
Corn

				2--Squash stems
				1--Arrow head
				Snail shells
√ 248/133	N5E15, Level 3	Occ. 7	7 L2	4--Plant type 5
				4--Plant type 12
				2-Squash rind
				Snail shells
✓ 248/134	N5E10, Level 1-B)		8 L1	4--Plant type 3
	E10, Level 1-B)		L1	11--Plant type 4
				25--Plant type 5
				17--Plant type 8
				1--Plant type 20
				1--Plant type 29
				1--Plant type 28
√ 248/135	N5E10, Level 1-B)		8 L1	6--Plant type 4
	E10, Level 1-B)		L1	5--Plant type 5
				3--Plant type 3
				1--Plant type 9
				1--Plant type 15
				1--Plant type 29
				Corn
				4--Squash rind
				Honeycomb

Occ. 8 (8)

✓ 248/136	N5E10, Level 1-C)	L1	1--Plant type 2
	)		
	E10, Level 1-C)	L1	9--Plant type 3
			12--Plant type 4
			199--Plant type 5
			58--Plant type 8
			5--Plant type 11
			2--Plant type 13
			1--Plant type 15
			2--Plant type 29
			1--Plant type 41
			Corn
			1--Squash rind and 1 seed

✓ 248/137	N5E10, Level 2)	L2 (7)	1--Plant type 4
	)		
	E10, Level 2)	L2	7--Plant type 5
			4--Plant type 8
			8--Plant type 11
			1--Plant type 13
			Snail shells

✓ 248/138	N5E10, Level 7	L7 (2)	1--Plant type 5

Occ. 6. (3)

✓ 248/139	N5E20, Level 3-5-7	L3,5 or 7 (if corn leaves are correctly identified then stratigraphic interpretation seems unlikely)	1--Split bone
			5--Plant type 2
			66--Plant type 5
			4--Plant type 12
			1--Plant type 14

1--Plant type 25
3--Plant type 28
Plant type 55 (several)
1--Plant type 56
2--Bean pod
Corn leaves
3-- Squash seeds
1--Pounded stake

✓ 248/140 N5E20, Level 2) Occ. 7 7
) L2 4--Split bones
E20, Level 2) L2 20--Plant type 2
1--Plant type 4
3--Plant type 5
2--Plant type 6
11--Plant type 8
7--Plant type 12
2--Squash seeds
Snail shells

✓ 248/141 N5E20, Level 6/7? Occ. 2 3 (early L6 or late L7 — certainly Infiernillo) 4--Split bones
33--Plant type 2
6--Plant type 3
2--Plant type 4
1--Plant type 5
2--Plant type 7
167--Plant type 8
1--Plant type 11
37--Plant type 12

(The corn seeds make it seem unlikely that the vegetable layer actually ~~is~~ does correspond to the yellowish L6/7 as first defined in this square, which is clearly an Infiernillo occupation)

1--Plant type 14

4--Plant type 25

6--Plant type 56

3--Burnt cactus spines

12--Unidentified type nuts

1--Piece twisted rope

50± --Squash seeds

Corn seeds ?

11--Bean pods

Plant type 55 (seeds)

Snail shell

√ 248/142	N5, Level 1)	8 L1	5--Split bones
	E25, Level 1)	L1	4--Plant type 2
			8--Plant type 12
			1--Plant type 17
			1--Squash top and seeds
√ 248/143	N5, Level 2)	7 L2	1--Plant type 2
	E25, Level 2)	L2 + L3	1--Plant type 12
			Fire-cracked snail shell
√ 248/144	N5, Level 3)	5	1--Plant type 5
	E25, Level 3)	L4/5	1--Paint stick
			Fire-cracked snail shell

N5 E25 Level 3 AL 2

				1--Split bone
✓ 248/145	N5, Level 4)	Occ.	3	12--Plant type 2
	)			
	E25, Level 4)	———	L6	5--Plant type 3
				1--Plant type 7
				3--Plant type 8
				40--Plant type 12
				1--Plant type 14
				2--Plant type 28
				2--Plant type 54
				1--Bean pod
			7	2--Split bones
✓ 248/146	N5E30, Level 2	Occ. 7	L2	4--Plant type 2
				2--Plant type 3
				4--Plant type 12
				1--Plant type 13
				50--Squash seeds
			6	
✓ 248/147	N5E30, Level 3-A	Occ. 6	L3	1--Split bone
				2--Plant type 5
				1--Plant type 6
				2--Plant type 8
				6--Plant type 12
				6--Plant type 21
				12--Plant type 28
				8--Squash seed
				1--Snail

248/148	N5E30, Level 3-B	Occ. 5 L 3 (6)	3--Split bones 2--Plant type 6 3--Plant type 8 9--Plant type 12 2--Plant type 13 1--Plant type 21 3--Plant type 28 4--Squash seed
248/149	N5E30, Level 4	L 4 (5)	1--Plant type 10 3--Plant type 12 1--Plant type 28
248/150	N5E30, Level 5	L 5 (6)	1--Plant type 12
248/151	N5E30, Level 4-5	L 4/5 (5)	
248/152	N5E30, Level 6	L 6 (3)	

Sq. descrip. Tmc 248

Descriptions of squares dug in TMC 248, March 1954.

N10E5. Begun late* afternoon Sun. 7 Mar.

Thin layer of gray dust over veg. materials in SE over a white ash layer rising nearly to surface in centre of square. This overlay a brown layer which rose nearly to surface in north of square. Layers deepening and thickening to SE. Slight throwout pile from treasure-hunters' pit in SE. Color differences and stratigraphy of white and brown-ash eventually seemed to largely intergrade.

Level 1-- Surface, thin top vegetable layer, and white to brown ash layer, top 6"-9". Mat pieces and scraper found well down.
Level 2-- white to brown layer becoming grayer with gravel through it almost immediately. Gravel layer continued to cave floor. One point found, well in gravel. One antler bone artifact also found, well down in gravel. No vegetable materials were kept except corn, squash etc.

N10E10. Begun by Policarpio Monday afternoon, Mar. 8.

Level 1--Surface and top vegetable layer. As almost nothing was found in the possibly mixed layer, all vegetable materials were kept. Layer thicker than in N5E5.

Level 2--Material from a gray pit from bottom was vegetable layer was kept separate as L2. Contained fewer vegetable materials and character seemed different from L1. Cut nearly to rock floor. Originally not recognized.

Level 3--Gray dust down to white ash lens in NW. In SW to a possibly equivalent brown layer. Divided in middle by L2 pit preventing surety as to equivalence.

Level 4--White ash and brown earth to gravel. (2 snail shells from this level inadvertently mixed with L5).

Level 5--the gravel.

In middle of square from W to E became possible to distinguish 2 vegetable layers. Became 1a and 1b. Level 1b may be the equivalent of Level 2 in west of square. Level 3 had a very irregu irregular base and I at first thought that in eastern part of square it was the gray pit corresponding to level 2. Disck scraper found well down in gravel. In Easternmost section of square became possible to distinguish a third very thin vegetable layer above 1a or the top part of 1a. Called 1c.
Treasure hunters' pit, when followed to bottom, ca. 1'9" deep. In SE corner of square, gray gravel overlay a brown to black gravel layer. In SW this rose to bottom of L3 with no gray gravel. L4 became impossibleto distinguish from L3 if it did not actually disappear.

N5E5 Begun by Don Ignacio Monday afternoon, Mar. 8.

Level 1--surface materials and vegetable layer, too thin to be satisfactorily separated. Vg. materials from this level not kept except corn and squash. Few materials.

Level 2--Ash layer. 1 Catan roundbase point. 1 maize spring. Thick but few remains.

Level 3--Gravel.

In S of square, bottom part of L2 became distinguishably browner. Top half labelled 2a, bottom 2b. In S half of square, materials from L1 were all kept.
A gray level, ash, with vegetable materials was in part bagged with level 2a, on which it was sitting (in S of square).
In drawing profile of N5E5 to N5, appeared that a pit or intrustion from 2a cut into and through 2b. Not seen in digging and largely invalidates distinction for this square.

Finished Tues. A.M., Mar. 9. A corn cob was supposedly found in the gravel but was in a placeon the edge of the excavation and could have fallen from above.

E5. Begun by Coronado, Tues. A.M. Mar. 9

Thin film of brown dust covered gray ash and vegetable layer. Part of it was thicker from treasure hunters' pit in square O-O.

L1--gray ash and vegetable layer, very thing and practially on surface. Mixing very possible.

L2--a less gray ash level without much vegetable materials.

L3--the same ash materials as L2 but divided by a thing layer (about 1 cm. thick and oftern disappearing) of dark brown ash.

L2 and L3 correspond to L2a and L2b of N5E5. The apparent "pit" from L2a into L2b which seemed to show up in the profile was impossible to distinguish (in digging) but some materials from this, which may belong with L3 (mostly snail shells) were included with L2. Among these materials was a point intermediate between Catan and Abasolo round base.

About the middle of the square from N to S the brown dividing line between levels 2 and 3 became a thing vegetable layer. On the west of the square and almost on the gravel a vegetable layer appeared (burnt brown). From it, apparently, came a beanleaf.

L4--gravel layer mixed with materials from above, including brown vegetable layer with beanleaf, mentioned above, here not sufficiently distinguished as a separate layer.

L5--relatively pure gravel.

On further digging, a gravel mixed with brown soil appeared in W of square, difficult to distinguish from L4 in this square so far. All gravel (few materials) removed as L4.

More and more vegetable layers began to appear in L2 and L 3 and a pit from near the top of L2 showed up clearly (in profile, <u>after</u> excavation). At N 1'8" the accompanying profile shows the complexity of the situation. Some vegetable materials actually betan to appear as ill-defined layers <u>in</u> the gravel, a very puzzling situation. Beans were found in these layers in the gravel, apparently in valid association. Finished late in afternoon, Mar. 9.

N 10 E 15. Begun by Rios, Tues. afternoon, Mar. 9

L 1-- 3 vegetable layers of N 10 E 10 again indistinguishable and all together regarded as Level 1.

L 2a--Gray ash layer, arbitrarily divided approximately in half. In top half discovered a point made from a flake.

L 2b--bottom half of gray ash.

L 3--All the gravel.

Halfway through square to east, a genuine distinction between 2 a and 2b appeared, but Rios apparently made no attempt to follow the line I indicated, a task admittedly difficult as a pit of gray ash into gray ash is not easy to see.

A corn cob, bean stalk, and sherd, supposedly from L 3, were probably mixed with back fill by Rios, not the most careful workman; possibly from the gravel as beans were found in gravel layers in E 5--but this L 3 seems to be a gray gravel without vegetable materials, unlike the brown gravel of E 5.

Finished Wed. A.M., Mar. 10.

S 5 E 5. Begun by Coronado Wed. Mar. 10, A.M.

Put Bermudez on shoveling in afternoon.

L 1--Gray ash and vegetable layer with surface brown dust.

L2--Brownish gray ash and vegetable layer beneath it in NW of square.

L3--Gray ash, very indistinct from L2 even in profile, and knife trace of vegetable layer in NW of square.

L4-- Gray ash, absolutely indistinguishable from L3 except by vegetable lens or layer in part of square, and vegetable layer beneath it in NW of square.

L5-- Gray ash and burned brown vegetable layer veneath it across all of N profile directly on gravel.

L6--Brown gravel and first vegetable layer in gravel, extending across most of square.

strange point of L6

L7--more brown gravel to another restricted vegetable layer.

L8--the rest of the gravel to bed rock, including some vegetable matter, if not a true vegetable layer.

Not knowing which vegetable lens would prove tobe an extensive layer, I attempted to dig a level for each visible lens.

L2,3,4,5 equal L2 and L3 of E5 (approximately L2-3 equal L 2, L 4,5 equal L 3)

L 6,7,8 equal L 4 of E5.

In S of square, levels 3,4,5 became so mixed with large stones that they were impossible to excavate separately. Levels 6,7,8 similarly became too difficult to separate, due to stones and disappearance of lenses.

Finished Wed. P.M.

N 10 E 20. Begun by Montalvo late Wed. A.M., Mar. 10, Rios on screen. Finished Thur. P.M.

L 1--Top vegetable layer, partly under brown fill from treasure hunters' pit which was removed as surface material.

L2--top half of gray ash, arbitrarily divided.

L3--bottom half of gray ash.

L4--arbitrarily set off to agree with N5E15 where a genuine division is almost visible (gray ash, somewhat more brown).

L5--a brown layer

L6-- the gravel.

In L2 found a fully fluted point, broken in manufacture, shape and size of Tortugas triangular. Also found a point of whitish flint, similar to L5/6 point of S5E5, made on a flake.

In L3, a flake-point found.

The vegetable layer (L1) completely disappeared in SE of square. Possibly L2--see profile N15E20 to N10E20 and notes for Mar. 11

or from 2

At boundary between L4 and L5, apparently in L5, found a badly crushed skull. Grave turned out to be in L4 extending down to gravel. Bones broke at a brush stroke, and details were impossible to see. Bones obviously disarticulated with spine fragments at 3 corners of pit and a leg bone under the skull with the jawbone widely separtated. A small fragment of mat and a few sticks indicated bones had been placed on some sort of bedding. A large stone partially covering body may have been placed there. Grave goods included 4 clam shells, 1 knife, 1beautiful white flint point, at least 3 antler flint knappers, and a deer-bone (?) awl (?). Highest light reading 13. Nothing to take a picture of anyhow.

Montalvo misunderstood instructions after burial was removed and removed L 4-6 as one. Tiny disc scraper supposed by Rios, on screen, to be from gravel.

Some bones of "Level 6" look as if they came from L4 burial.

N 5 E 15 Begun by D. Ignacio, Wed., 10 Mar., Carpio screening.

L 1-- Top vegetable layer. Appeared practically at surface, apparently undistrubed.

L2--top half of gray ash, arbitrarily divided.

L3--bottom half of gray ash.

L4--a somewhat browner section in the gray ash, just visible, down to the gravel (N.B. do not confuse with true brown layer, L5, of N 10E20, not found in this square)

L5--the gravel. In this square, genuine yellow gravel like TMC 247 first began to appear. A chopper was at the top of L5 and burned with materials of L4.

At about N8 a vegetable layer became apparent in or at L4 (burned brown) over a very hard ash layer down to gravel.

Mat found on bed rock in L4 where it was a very thin vegetable layer.

Deer turds found well down in yellow gravel, allegedly larger than local varieties.

Some "L3" vegetable materials are actually L4, dug up by D. Ignacio with L3 as L4 thickened.

Finished Thur. P.M.

S 10 E 5. Begun by Coronado Wed. P.M., Mar. 10.

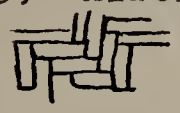
A very confused situation. Seeprofile S5E5 to S5.

L1--gray layer, few vegetable materials. Pipe found.

L2--gray vegetable layer. Some of yellow vegetable layer was accidentally removed with this. Large amounts of excrement.

L3--yellow veg. and light gray ash. Also much excrement.

L4--gray vegetable and brownish gray vegetable.
Found mat--under 3, over 3, shifting 1 each time.



L5--whitish ash. L5 ceases to exist in E of square.

L6--all the gravel and confused contained layers.

Level 3 on W of pit is another gray vegetable layer.

L4 becomes a whitish ash layer on a burnt brown vegetable layer on a yellow brown soil.

L5 remains whitish ash.

A L4 flake-point.

The gray vegetable layer of L3 in W of square eventually was seen to be the same as the brownish gray vegetable layer of profile S5E5 to S5, wrongly drawn to correspond with L4. The mat belongs to this zone and is actually L3 not L4. More fragments of this mat were found and then the mat itself in situ at the bottom of the layer under a bed of palms. Every probability of a burial in square S10.

Some vegetable materials supposedly from L5 are probably actually from a brown vegetable layer at top of L6. Coronado is not to be blamed for this as the many rocks make digging in levels very difficult.

L4a is a vegetable layer in SE of square below L4 after L5 disappears. May correspond to L5 or to the vegetable layer in top of L6 or may be a thickening of L4 and separation.

L6a is the vegetable layer below the white ash on west of square. Pieces of petate, under 1, over 1 weave. Here, above, rather than in, the gravel. Beans still present.

Finished 12 Mar. P.M. except for gravel under huge rock which could not yet be moved.

N10E25. Begun by Carpio 12 Mar. Bermudez screening.

L1--Surface and gray layer (no vegetable materials left).

L2--gray layer (somewhat brown).

L3--gray layer--different texture from L2 but color the same. To white ash layer on north and to brown layer far down on south.

L4--white ash and brownish gray to brown layer (L4 only in N of square).

L5--brown layer (underlying 4 in N, 3 in S)

L6--gravel.

An Abasolo round base in L2 had fluting for the full length of the preserved base (about half of point prob.)

The L3 pit of profile N15E20 to N10E20 is replaced in E of square by a L2 pit in approximately same location, also unnoticed until visible in profile.

Finished P.M. 12 Mar. A point was found down in L5 with little chance of mixing, but base was lost.

E15. Begun by Gonzalez 12 Mar., D. Ignacio screening.

L1--Vegetable level (mostly just gray ash) and surface material.

L2--Gray ash to vegetable layer on East and to first burnt vegetable layer on west.

L3--all the vegetable layer of the E and first brown layer on west which turned out not to be a well-defined layer nor to contain unburned vegetable materials, and through to second brown layer.

L4--brown layer mixed with gravel.

L5--yellow gravel.

In southern two thirds of L2, divided in to 2a, above, 2b, below, more brown. Scraper from 2a but division again became arbitrary and not separated in bag. L3 practically disappeared in S of square.

Finished 12 Mar. P.M.

S5E15. Begun by Rios, Coronado screening, Sat. 13 Mar.

Treasure hunters' pit in SW corner.

L1--Top half of gray ash after surface gravel from pit had been removed.

L2--bottom half of gray ash, approximating an actual division of ash, occasionally visible. Contained new type of point.

L3--brown layer and gravel.

L2 at the very bottom had another crudely made convex base small point.
L1 had an Abasolo round base, somewhat narrower than usual.

Finished Sat. P.M.

S 15 E 5. Begun by Bermudez, Carpio screening, Sat. 13 Mar.

L 1--gray ash level after surface gravel of treasure hunters' pit had been removed. Probably corresponds to gray ash with (below?) first vegetable layer over most of cave.

L2--vegetable layer. Actually included another small vegetable layer below which could be distinguished in profile but not in digging.

L3--yellowish layer and vegetable layer sitting on great rock. Corresponds to L3 of S10E5. Vegetable layer thick and probably contains at least 2 layers but not here distinguishable. Mat, over 1, under 1, projecting from S15E10 well into square. Possible wooden harpoon (or just gnawed wood?) in bottom part of L3. (Mat is in top part of L3).

L4--gravel. In bottom of gravel appeared a brown clay layer.

Most"L 1 " vegetable matter is actually scraped from top of L2.

Supposed treasure hunters' pit actually turned out to be from within L1, without gravel typical of treasure hunters' fill in this square.

Shell ornament found in L2.

Dark brown layer, apparently vegetable, reappeared about 4" down in gravel. Contained no materials.

Found an engraved polished brownish-black sherd, engraving filled with red paint. Good Fer. IV. Unfortunately in surface fill, and left in surface bag.

Finished Sun. A.M. by Montalvo, D. Ignacio screening.

N 5 E 25. Begun by D. Ignacio, Montalvo screening, Sat. 13 Mar.

L 1--Top part of gray ash

L2--middle part of gray ash, arbitrarily divided. Lop-sided point, somewhat like first one found.

L3--bottom part of gray ash.

L4--brownish layer including parts of L3 and L5.

L5--gravel (trace)--tooth of some giant species of deer and one possible chopper found under a big rock in mixed dark brown gravel.

Corn cobs (large, modern) appeared in some quantity in southernmost part of square.

A vegetable layer, still very thin, appeared well down in L1 and another near the top of L2.

Finished by Carpio, Rios screening Sun. A.M. Mar. 14

S 10 E 15. Begun by Rios Sat. 13 Mar. P.M.

L 1--Gray ash after gravel fill was removed. A corn cob from the fill had a hole pierced in it from the side.

L2--bottom of gray ash, arbitrarily divided.

L3--the gravel

Nice scraper from very bottom of L2.

At about S7 vegetable layers began to appear. See attached profile. Came in between L2 and L3. Bagged with L2 in most of square. Blackish gray ash of profile is grayer to north and may actually approximately correspond to L2.

L2a equals top vegetable layer.
L2b equals gray ash and 2nd vegetable layer.
L2c equals yellow layer and brown vegetable layer in the gravel.

Finished by Coronado Sun. P.M.

E 25. Begun by Carpio, Rios screening, Sun. 14 Mar.

L1--Light gray ash of former vegetable layer not much disturbed proably but containing all surface material.

L2--darker gray ash and first vegetable layer where present.

L3--darker gray ash (like L2) and second vegetable layer.

L4--browner layer.

Pit from gray ash of L2 cutting 1st and seond vegetable layers, first seen cutting L4. May have contained some vegetable materials put in bags of L2 and L3, including one L3 corn cob. Not seen until after material bagged.

L4 in E was a yellow almost sandy laer but in W merely a slight darkening of gray ash. Other layers of ash appeared beneath yellow including one more like ash in W but did not seem to justify separating into layers.

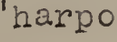
A corn sprig supposedly from bottom of L4 but Carpio was scraping out onto a supposedly clean area which nevertheless may have had one or two small fallen items.

A trace of a vegetable layer appeared at bottom of L4 on bed rock and became:

L5--a hard cemented layer, brown, black or white ash over a soft gray ash.

Decided to bag dark gray ash in top of L2 as L2a and vegetable layer as L2b. Pit from 2a cuts through L4 and through a pit from L2b going through L3.

L2b had a net bag, squash seeds and stems, and beans. L2a had a finely worked tanged lance point. L2b had a mano which I saw as dirt was being removed, broken, but the screeners threw it away (Gonzalez and Carpio).

L4 browner layer, is quite yellow, becoming more so to south.
It and L5 together probably correspond to L3 S5E15.
L4 seems to become a quite white ash to the W.
L4 contained part of a bone "harpoon".  with no sharp points.
Wooden one was similar.
A vegetable layer, burnt and thin, appeared within L4 in extreme SW.

S15E15 Begun by Coronado, Gonzalez screning, late P.M.,Sun. Mar. 14.

L1--Gray ash after surface material was removed.

L2--vegetable layer and underlying gray ash. Bagged together as vegetable layer not always present.

L3--vegetable layer, intermediate gray ash, and another vegetable layer--both very thin and sometimes not distinguishable.

L4--yellow layer and underlying vegetable layer, brown.

L5--gravel.

L2 vegetable layer and both L3 vegetable layers again disappeared in south leaving again a practically indistinguishable gray ash.

L3 contained one very large corn cob and part of another after vegetable layers which distinguished it from L1 had disappeared.

S5W30 Mon. 15 Mar., Montalvo and D. Ignacio clearing out mixed materials from treasure hunters' pit.

L1--grayish brown ash

L2--whiter ash

both very thick and hard to distinguish

L3--gray gravel

All the artifacts from L3 are from the topmost part of the gravel in the boundary with L2. Most interesting was a broken point (?) of whitestone.

Finished by Bermudez, Carpio screening, Tues. A.M. Mar. 16.

S 5 W 25. Mon. 15 Mar.

Treasure hunters' pit in most of square. Cleared at same time as S5W30. Montalvo digging, D. Ignacio screening.

L1--A browner level after soil mixed with gravel on surface had been removed.

L2--a white layer of ash

L3--Gravel

Scraper (?) found in probably mixed gravel, although a fairly good clearing job had been done.

Quite possible that L1 and even L2 are parts of treasure hunters' fill, reversed stratigraphy so gravel from bottom is on top, etc. However it is not likely they dug this carefully. Pit from L1 cuts SE corner of square. Due to Carpio's inattention, materials from L1 and L2 were mixed. Very few things from L2. at least one potsherd and one large type corn cob--all put with L1, but sherd marked.

[See notes, S10W25 where same levels appear under an apparently undisturbed vegetable layer.]

Finished by Bermudez, Carpio screening, Tues. 16 Mar. A.M. More probable mixing in "L3" here in S5W30 as there was less left undisturbed.

S10W25. Begun by Bermudez, Carpio screening, Tues. 16 Mar. A.M.

Much mixed material in E of square and pitof treasure hunters in extreme NW corner. Mat, over 2 under 2, shifting 1, in mixed level.

L1--below a relatively thin surface layer of treasure hunters' fill appeared a relatively undisturbed veg. layer over much of square (thin).

L2- a grayish ash mixed with rocks circa 3 inches across.

L3--a brownish ash, corresponding with L1 of S5W25.

L4--a whitish ash

L5--gravel

Surface fill became thickerand L1 more clearly disturbed so L1 is probably quite mixed.

L3 had on its top a cemented layer protecting it well--the supposed L2 disappeared where there was certainly no disturbance.

Some sprigs of maize with L3 materials, according to Carpio were left over when L1 was bagged. Two points found.

A sprig of maize from L4, Rios digging, D. Ignacio screening.

A gray ash between L3 and L4 not at first observed. Bagged with L4. Maize sprig was from this gray ash.

L1 had a clearly undistrubed vegetable layer in SE corner, bagged as L1a.

Corn sprigs etc. "from the gravel" left as a reminding that falling sides of squares tend to invalidate digging in gravel except with utmost caution.

Finished by Rios, 17 Mar. P.M.

N5E 20. Begun by Rios, D. Ignacio screening, Mon. A.M. 22 Mar. 1954.

This square and E20 bagged together.

L1--effectively lacking in this square.

L2--only the lighter gray ash and over N of square practically down to gravel. Mat found, very poor condition, with part of a necklace, at bottom of L2. Also at very bottom of L2 a bedding of mat and leaves.

L 6/7?-AA yellowish layer, partly of rotted wood, probably L7, including a net matting and part of a basket (?)--lots of vegetable matter in SW of square probably of this period.

A division in vegetable layer, barely discernible, top part bagged separately, may be either L5 or, less likely, L3--probably just a sub-division of L7.
This layer, at least part of it, goes across bottom of square to become a lightly cemented thin brown to black layer.

L8--the gravel--brown vegttable material extended down into gravel where giant deer turds were found, but bagged as L7.

S 10 W 30. Begun by Gonzalez, Bermudez screening, Wed. St. Pat's. Finished by Pancho, Carpio screening, Tues. 23 Mar. 54.

L1--Mixed materials and top vegetable layer. Sometimes this seems to be a genuine vegetable layer sitting on the hard cemented layer, sometimes a badly mixed layer.

L2--cemented layer and grayish ash with rocks, here below cemented layer.

L3--dark gray ash.

L4--light gray ash.

L5--gravel.

Distinction between L2 and L3 proved neither useful nor practical. Rocks began to extend all through L3. L4, which is occasionally quite white, seems to retain a certain stratigraphical validity throughout square, but fades indecisively into L3. L2/3 often becomes quite brown.

Digging was very difficult because the layers 2-4 are all very thick and very soft, so that they fall at a touch to mix with the gravel. However, in the SW section of the square where Pancho was finishing up the work, there were no falls of earth from above, and taking the gravel down, working from above to below, found, deep in the gravel, a broken scraper, and broken point, and a possible part of a crude blade. They apparently ~~found~~ came from a more yellow than gray zone, below where shells were found, although not in good yellow gravel. Cleaning the gravel nd mixed earth of S10W25, found another blade or point, probably, from color of adhering earth, from the topmost part of the gravel, but here the possibility of mxiing is great.

N 5 E 10. Begun by Coronado, Bermudez screening, Mon, 22 Mar.

L1--L1a too mixed with surface materials to be sure of it, but sufficiently separate to protect vegetable layers below, Lb 1b and L1c. In L1c was a tin bow, complete with cord.

L2--gray ash

L8--gravel

In E of square, a thin brown layer appears overgray ash over another thing brown layer on gravel. Latter has general character of L7 and so bagged. Thin brown and gray ash considered together to be L2b, doubtfully.

Finished Tues. Mar. 23.

E 10. Begun by Bermudez, Coronado screening, bagged with N5E10, Tues. 23 Mar.

L1b--vegetable layer (here the surface layer and treated as mixed).

L1c--vegetable layer, here fairly cemented and with few materials.

L2--gray ash

L8--gravel

L1a and L1b are here indistinguishable and L1b may well be all that is present. Some cobs from this L1a-b, although large size, have very strongly developed bracts.

Finished by Carpio, Pancho screening, Wed. A.M. 24 Mar. '54.

S 20 E 15. Begun by Coronado, Bermudez screening, Mon. P.M., 15 Mar.

L1--light gray ash

L2--gray ash and brown vegetable layer

L3--gravel

Although the division between L1 and L2 was visible in profile of N face of square, it soon became purely arbitrary.

The brown vegetable layer at bottom of L2 had practically disappeared even when square was begun and soon could not be recognized in any of remainder of square.

A corn cob, covered with gray ash, appeared in L2 materials--clearly <u>not</u> from brown vegetable layer and equally clear that here all the gray ash should have been treated as L1.

Finished by Bermudez, Pancho screening, Wed. P.M. 24 Mar. 54.

S 5 E 25. Begun by Rios, Gonzalez screening, Mon. 15 Mar., P.M.

L1--L1a--gray ash pit
L1b-gray ash below, slightly browner, more vegetable

L2--vegetable layer

L3--whitish ash and vegetable layer, burnt brown to black, below.

L4--yellow layer and vegetable layer below.

L5--gray layer.

Finished by Bermudez, Pancho screening, Wed. P.M. 24 Mar. 54.

S 5 E 10. Begun by Bermudez, Pancho screening, Wed. P.M., Mar. 24, 1954.

In N of square, only L2 and L8 present.

A bone, clearly worked, was found in the gravel, under a large protecting rock. Contained traces of both blue and red. Two similarly blue-stained bones I had thought might be due to chemical action in the soil, although the workmen thought they were painted. The presence of red and blue on the same bone now inclines me to their opinion. They thought it a deer bone.

Finished by Bermudez, Carpio screening, Thur. A.M. 25 Mar.

E 20. Begun by Rios, D. Ignacio screening, Tues. 23 Mar. Bagged with N5E20.

L2--gray ash, here with a considerable amount of vegetable materials. In places, this is the vegetable layer shown on top of L4 in N5E20-to-E20 profile, but I think it is L2b rather than L3 vegetable layer. On looking carefully at drawn profile, probably both are here confused.

L4/5--Gray ash with vegetable material from below, too thin to distinguish. Vegetable material probably corresponds to L3-5-7(?) of N5E20.

L6/7--a cemented black-to-white ash layer forms boundary between L5 and L7 here and probably corresponds to L6 elsewhere. Here mostly less than one quarter of an inch thick. Vegetable material clearly joins bottom of that bagged as 6/7 in N5E20.

L8--gravel--a trace.

In E of square, L6, yellow, overlay a thin brown vegetable remnant layer on a gray to white ash (bagged as L7a) (see profile, N5E20--E20) on another thin remnant vegetable layer. In W of square, a powdery gray layer overlay a vegetable layer with chiefly small seeds. Latter is certainly a L7 layer. Former I believe corresponds to L7a but may be local equivalent of general yellow layer, L6. Point from this powdery ash marked L6/7a.

Finished by Carpio, D. Ignacio screening, Wed. P.M. 24 Mar.

S 10 E 10. Begun by Bermudez, Carpio screening, Thur. A.M. 25 Mar. 1954.

In this square, the vegetable layers begin to appear.

L2--at N of square goes down to gravel but in S of square is practically non-existent.

L3--in this square actually two thin vegetable layers and an intermediate gray ash. A mat came from lower of two levels (L3b).

L4--here a thin grayish layer.

L5--here a very thin unburned vegetable layer.

L6--the yellow layer, here quite thick and with a fair amount of vegetable matter.

L7--three to four inches thick, good vegetable layer, with beans

L8--the gravel. A small ◇ point appeared, according to Bermudez and Carpio in the lowest part of the gravel. Seemed to have some soil adhering to it, which the gravel generally does not--however, soil did not seem to match any of the layers above, and cleaning to bare rock had been done all around. Seems all right. A quite similar point was found in gravel of same square in an area where mixing was probable and is labelled simply surface.

Finished by Bermudez and Carpio, Thur. P.M., ~~26~~ 25 Mar., except for small section of gravel left as support for large rock.

S 5 E 20. Begun by Pancho, D. Ignacio screening, Thur. A.M. 25 Mar.

L2--a pit over much of square.

L3--a ⅛ trace in E of square--good thick layer but mostly cut out by L2 pit.

L4--like L3 in E of square

L5--very thin and only in E of square.

L6--fairly thick in E of sq uare.

L7--in E of square and trace in W of square, but mostly cut away by L2 pit.

L8--trace of gravel in most of square.

Finished by same pair, Thur. P.M. 25 Mar.

S 20 E 5. Begun by Montalvo, D. Ignacio screening, Sun. Mar. 14.

L1--gray ash with vegetable, yellow layer it was cutting, and gray ash below.

L2--vegetable layer (eqals L2, S15E5)

L3--yellow layer and vegetable layer on gravel

L4--gravel

Mat and bed of leaves projecting from S20E10, stratigraphic position still not clear but definitely later than vegetable layer of L3. Mat over 2 under 2 shifting 1.

Squash seeds found in L3 in extreme S of the square where this level got very close to surface. Also some seeds that workmen thought were a watermelon! I think association with the level is valid, although it is strange none were found in other squares. Could well be from yellow layer which here seems to contain quite an amount of vegetable material.

Finished by Pancho, Bermudez screening, Fri. P.M. 26 Mar. 1954, except for mat area.

E30. Begun Fri. A.M. 26 Mar. by Bermudez, Pancho screening.

This square was actually dug only N from N 2.5 feet and was extended to N 6 feet in order to remove all the stratified zone. Then dug most of intermediate zone, leaving small area with stratigraphy.

L2--here thin top level

L3--here two thin vegetablelayers separated by a greenish gray dirt.

L4--light whitish gray ash

L5--here a quite thick vegetable layer.

L6--the yellow layer.

L7--brown layer, here quite thick but with relatively few materials--the cemented layer, often dark.

In S of square, L6 became a thin light gray ash while L7 became light yellow in color, thus reversing apparent stratigraphy, but levels clearly continuous.

Finished Fri. P.M. except for small area where pit and stratified layers are side by side and possibilities of mixing seemed too high to justify more digging, especially as this left a nice stratigraphic section.

S 15 W 30. Begun by Coronado, Albino Rios screening, Thur, 25 Mar.

L1--corresponds to L2 of S15W25. No vegetable layer present here, probably because of disturbance by treasure hunters' pit.

L2--the gravel

Finished Fri. 26 Mar.

S 10 E 20. Begun by Carpio, D. Ignacio screening, Fri. 26 Mar.

L2--Gray Ash

L8-gravel

Traces of an intermediate brown layer on or in gravel for about one quarter to one half inch, but unproductive.

Finished by Pancho, Coronado screening, Sat. A.M. 27 Mar.

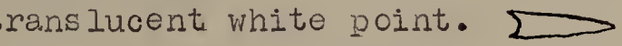
N 15 E 20. Begun Sat. 27 Mar. by Carpio, D. Ignacio screening.

Square had large treasure hunters' pit in it.

L1--only a trace, covered by fill from pit.

L2--to rock floor with local distinctions, fairly meaningless in terms of general picture.

Distinction between darker brown above in L2 and lighter below in L2 seems to accord with that between L1 and L2 in N5 and between L2b and L2c in S5.

Found interesting translucent white point. 

Bagged with N20E20.

Finished Sat. A.M. by same pair.

N 20 E 20. Begun Sat. A.M. 27 Mar. by Carpio, D. Ignacio screening.

L2--gray ash. 2 parts visible, little in either.

At extreme north a thin brown layer without materials appeared almost on rock floor.

Bagged with N15E20.

Finished Sat. P.M. by same pair.

N 5. Begun by Pancho, Coronado screening, Sat. 27 Mar.

L1--a vegetable layer sometimes becoming a brownish gray ash. Just possibly corresponds to L2b as well as L1, which may have been largedly removed with mixed surface materials.

L2--light gray ash

Intermediate dark brown layer (L B).

L8--gravel (things from gravel marked L7/8 as probably actually mixed here).

Farther back in square appeared a very thin vegetable layer above the intermediate dark brown layer mentioned. Called L A. Correlation not clear.

Finished Sat. P, .M. By same pakr.

S 15 E 20. Begun by Bermudez, Albino Rios screening Sun. A.M. 28 Mar.

L2--gray ash

Brown layer, hard, with nothing in it.

L8--gravel

Finished Sun. A.M. by same pair.

S 10 E 25. Begun by Coronado, Pancho screening, Sun. A.M. 28 Mar.

L2--gray ash

(L7?)--brown layer, nothing in it, practically.

L8--gravel

Finished early Sun. P.M. by same pair.

N 5 E 30. Begun by Bermudez, Coronado screening, Mon. 29 Mar. 1954.

L2--gray brown ash, thick over most of square.

L3, L4,L5, L6--trace found stratigraphically in south, but mostly eliminated by L2 pit.

L2c/6--L6, the yellow layer, seemed to overlie, in part of the square, a whitish damp ash layer which in most of the square seemed to be merely a lower part of L2. If this is true, a good bit of my "L2" may be considerably older than I supposed.

L7/8--traces of the brown layer, in and on the gravel, but practically lacking vegetable material. An obsidian point came from this layer but may easily have been intrusive from the level above, whether that is L2c or L6.

Finished Mon. P.M. 29 Mar. by same pair.

N 10. Begun by Carpio, D. Ignacio screening, Mon. 29 Mar.

L1--vegetable and very light gray ash

L2--light gray ash

Browner gray ash below also assumed to be L2.

Traces of L8 and a burnt brown layer on it in SE corner, but contained nothing.

S 5. Begun by Albino Rios, Bermudez screening, Sat. 27 Mar.

L1--In part of square a fairly good layer.

L2--here the brownish gray ash, corresponding in character to general L2b, overlies a whiter ash which seems to be part of L2 and is aclled L2c for this square.

L3--part of L3 burial [later proved not to be a burial] protrudes from S10, but there is little trace of a genuine layer over most of square.

L4--Hardly visible in profile, a distinction between whitish ash of L2c and L4 became apparent in digging.

L5,6--here practically one layer, occasionally yellow, mostly gray, sometimes white, more like ash than usual.

L7--here thin and not very productive.

L8--some of gravel with yellow layer going down into gravel at times.

Farther back, L5 is a very good vegetable layer. L6 is mostly gray here. L7 is wel don on grvel and very thick in North.

L4 had a very thin burnt vegetable layer within it--in S10, this becomes 3 vegetable layers in part of square and one thck vegetable layer elsewhere.

In L5 appered a bd of palm leaves, 2 "knives", and a Tortugas Triangular point.

L3 comes in in S of square and rises to form the bottom of L1, here qite thick. Where not distinguished, bagged as L1,3. Seems to be divided in two parts and in the bottom part appeared a mat.

Finished except for 2 areas left, Mon. P.M. 29 Mar.

S 5 E 30. Begun by Albino Rios, Carpio screening. Tues. A.M. 30 Mar. 1954.

L2--gray ash

L8--gravel--a trace

One foot of this square, on N side, removed with E 30.

Finished same A.M.

N 20 E 15. Begun by Albino Rios, Carpio screening, Tues. P.M. 30 Mar. 1954.

L2--gray ash

L2c--whiter gray ash below. Bagged separately where distinguishable. In W of square, vegetable layer began to appear at approximately the same level. Occasionally brown and rotted vegetable materials appeared in L2c. Not clearly a true vegetable layer.

In northwesternmost part of square, this L2c whitish ash clearly cut through several brown vegetable layers and a yellow layer. See profile. I did not realize this until these levels were dug, but such a small amount was present in the square that it is not likely to much affect the picture. Bagged separately as L2c mixed.

S 15 W 25. Begun by Coronado, Bemudez screening, Wed. 24 Mar.

Mixed levels of rocks and vegetable materials on surface.

L1--a vegetable layer and thin protecting caps of gray ash and brown earth

L2--brown layer, arbitrarily divided half way down into L2a and L2c.

L3--whitish layer

L4--gravel

Basket and bed of matting in very poor condition found in L2b and left <u>in situ</u>. Work suspended Thur. A.M. 25 Mar.

Removed by Paul Pratt Wed. 31 Mar. Square finished by Coronado, D. Ignacio screening, 31 Mar.

N 15 E 10. Begun Fri. 26 Mar. by Albino Rios, Coronado screening.

L1--vegetable layer, here quit thick
A pit with gravel in it goes from the bottom of this layer or the top of the layer below.

L2--gravel and carbon pit seemed to correspond in character and position with top part of L2. Called L2c because not sure it really corresponds with general L2a, as it seems to.

At bottom of carbon pit, a bed of leaves and a mat. Corn cob sitting with them. Nearby a "knife". Possible burial.

No burial--removed by Paul Pratt, 31 Mar.

Many maize sprigs in L1. One Lerma-like point in L1 where bedrock was very near surface.

Finished by Jesus Rios, Coronado screening, Wed. 7 Ap. 1954.

Notes of Paul Pratt on "The One Bone Wrapped Burial".

Large palms in the 'frondlets' of which was a corn cob which showed signs of having been wrapped. Below palm several huapillas were removed. Next came a layer of gray ash--pure and simple. One wrapped bone lay directly over this among the huapillas.

S 15 E 10. Begun Tues. 30 Mar.

L2--gray ash, here quite hard

L3--vegetable layer, thick

L6--yellow layer

L7--vegetable layer on gravel, contained mat and net and atlatl foreshaft.

L8--gravel.

Finished Thur. 8 Ap. by Rios and myself, Carpio screening.

S 20 W 25. Paul Pratt directed Coronado, D. Ignacio screening, in removing a burial, 31 Mar. 1954. This is the burial shown in Time.

L1-- C. 1st 3 inches Dust and grey ash. Several (holotes-- i.e. olotes, corn cobs--) and other vegetables.

L2--grey ash some one foot thick containing vegetable layer and overlying a child "mummy".

S 5 W 5.

A mixed vegetable layer, probably treasure hunters'fill and L1 mixed.

Gray ash layer (L2 or top part of L4, probbbly the former)

L4--whitish ash

L5--bed of palms in burnt vgetable layer. Had Tortugas triangular point, and some choppers. Nothing else. Richer vegetable layer of this level than anywhere else in cave.

Not finished.

S15. Begun by D. Ignacio, Carpio screening, Sun. 28 Mar.

L1--a trace mixed with gravel fill too badly to separate.

L2--gray brown ash with quite a bit of vegetable

L3--In part of square a thin vegetable layer, over a thin gray layer (L4) over a burnt vegetable layer, very thin (L5) but in much ⅔ of square a thick vegetable layer is continuous with both of these levels, with no sign of L4, so bagged as L3,5.

L6--yellow layer, ~~quite~~ quite thin, soon disappears.

L7--some vegetable materials which, towards the back, merge partly with L3/5. Confusion worse confounded.

L2 inadvertently bagged with L2 of S5. Very few materials, one being a corn stalk, one a stick.

W of large rock, a mat appeared in L2 and work temporarily suspended.

Mat removed and partly lost by Paul Pratt, 31 Mar. Did not appear in screen. Very curious.

Most of square occupied by bed rock to surface.

S10. Begun Wed. Mar. 31 by Albino Rios, Carpio screening.

L1--Vegetable layer, after removing mixed material.

L2--disappears in places. Brownish gray ash.

L3--vegetable layer, not everywhere distinguishable from L1. Removed 2 mats, Feature 1 and Feature 2, from this level. Nothing with them, really. Some whittled stakes found. Part of what may be a bow found.

(Largely finished Thur. 8 Ap.--or Wed. 7 AP:)

N.B. Not absolutely sure L1 here is equivalent of general L1--possibly a component of L3. No sherds or corn found, and relatively rich level.

S 20 E 10. Begun Thur. 8 Ap. 1954, by Coronado, Jesus Rios screening.

L2--here thin

L3--gone, over much of square

L6--yellow earth and sometimes, here, yellowash.

L7--vegetable

L8--gravel

Pit, originally thought to be in L6. Grass-lined, with a mat on the grass, and filled with rocks, dirt, and vegetable materials. Decided actually from L3, and slightly bell-shaped, so bottom cut below and under L6 in profile.

Not finished.

VALENZUELA CAVE (19) #31